SCHOOL OF CIVIL ENGINEERING

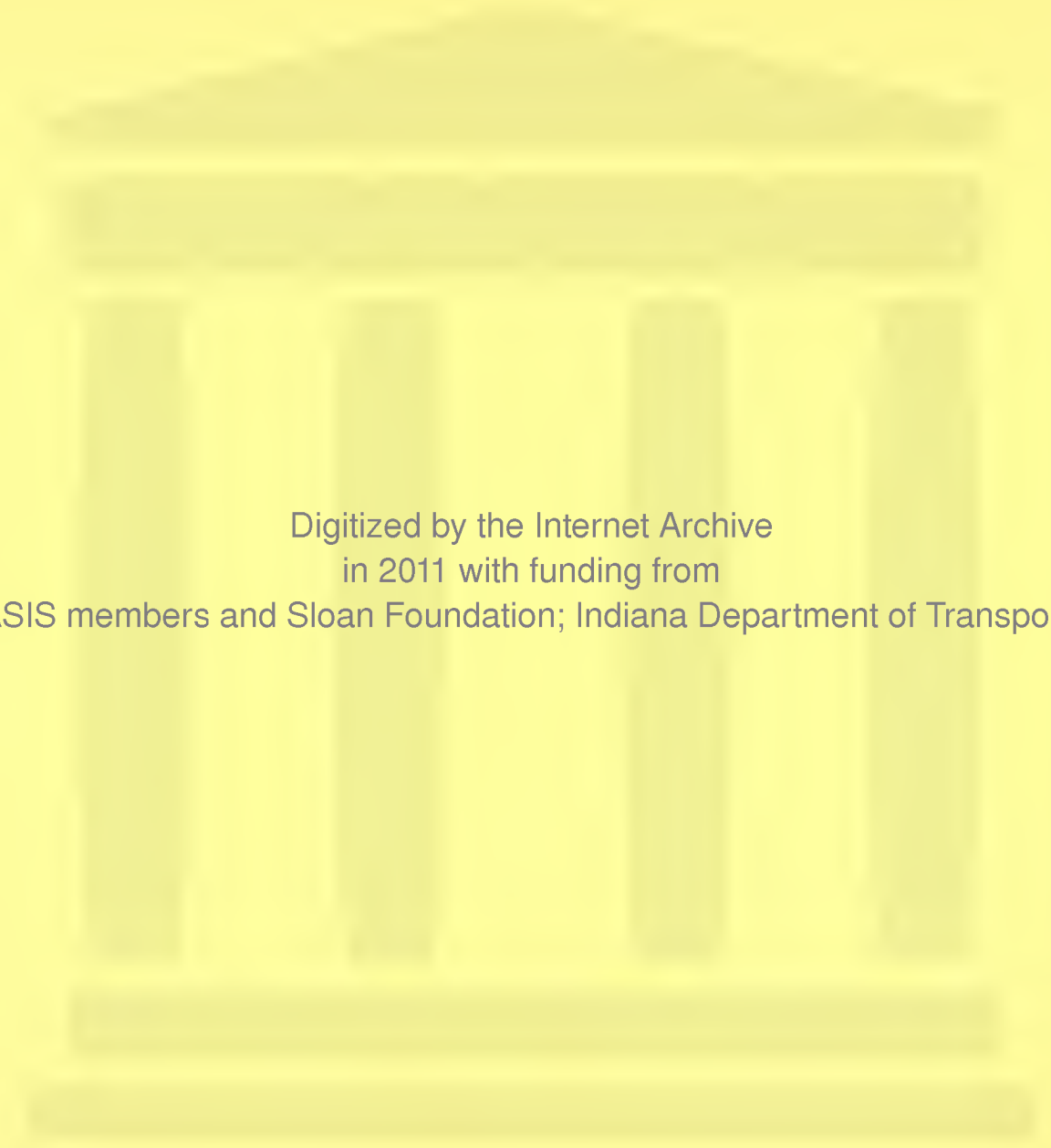
JOINT HIGHWAY RESEARCH PROJECT

JHRP-76-29

TRAFFIC SPEED REPORT NO. 97

A. A. Gadallah
G. K. Stafford

PURDUE UNIVERSITY
INDIANA STATE HIGHWAY COMMISSION



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TRAFFIC SPEED REPORT NO. 97

TO: J. F. McLaughlin, Director
Joint Highway Research Project

October 5, 1976

File: 8-3-3

FROM: H. L. Michael, Associate Director
Joint Highway Research Project

Project: C-36-10C

The attached Progress Report No. 97 on Traffic Speeds is the report of the April-June quarterly study of free-flowing automobile and truck speeds on rural, tangent, level sections of Interstate, 4-lane and 2-lane and on urban interstate highways in Indiana. The report has been prepared by Mr. A. A. Gadallah, a Graduate Instructor in Research on our staff, under the direction of Professor H. L. Michael. The data were collected by Mr. G. K. Stafford and a number of graduate assistants on our staff.

The results indicate similar speeds for all passenger cars as those of the January-March 1976 Study. The speeds of heavy trucks, however, were found to average 1.7 mph higher for this period than for the last quarter.

Copies of the report will be sent to the Federal Highway Administration and the ISHC for review, comment and acceptance as fulfillment of the objectives of this HPR Part I Study. Copies of the report are requested for release to the Indiana State Police and the Indiana Office of Traffic Safety as a normal procedure for these reports.

Respectfully submitted,

Harold L. Michael
Associate Director

HLM/ss

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Interim Report

TRAFFIC SPEED REPORT NO. 97

by

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and

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Joint Highway Research Project

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Conducted by

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Purdue University

in cooperation with the

Indiana State Highway Commission

and the

U. S. Department of Transportation
Federal Highway Administration

The opinions, findings and conclusions expressed in this publication are those of the authors and not necessarily those of the Federal Highway Administration.

Purdue University
West Lafayette, Indiana
October 5, 1976

TECHNICAL REPORT STANDARD TITLE PAGE

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15. Supplementary Notes

Conducted in cooperation with the U. S. Dept. of Transportation, Federal Highway Administration. Planning Study titled "Speed Trends for Indiana Highways".

16. Abstract

This report is another on the continuing study of speeds of vehicles on Indiana Highways. Observations of spot speeds were taken on interstate, four-lane and two-lane highways throughout the state during the month of June 1976.

Analysis of the speeds showed the overall average speed for all vehicles was 56.8 mph. The overall average speed for passenger cars and all trucks was 57.1 mph and 56.1 mph, respectively. These overall average speeds were similar for passenger cars and 0.5 mph faster for trucks to the speeds found in the January-March 1976 Study (Speed Report No. 96). This increase in truck speeds resulted from a 1.7 mph increase in the average speeds of heavy trucks between the two periods.

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Form DOT F 1700.7 (8-69)

TRAFFIC SPEED REPORT NO. 97

This report is an analysis of spot speed observations made during June 1976. All observations were made of free-flowing vehicles on level, tangent sections of rural and urban highways during daylight and under favorable conditions.

The speed monitoring stations for each highway classification were divided into two groups. The first group is identified as "control stations" and studied from the same locations on selected Federal and State highways as used in the previous annual studies. These "control stations" will be used in each quarterly study. The second group is selected at random for each quarterly study.

Fourteen speed monitoring stations were used for the reported study. Seven of these stations were the control stations noted above. The other seven stations were selected at random for this quarterly study.

Stations were classified as two-lane, four-lane, rural interstate, or urban interstate highways. A representative sample of spot speeds was obtained at each station in each classification. The site locations were as follows: (See Figure A)

Rural Interstate Highways

*RI-21 (I-69)	3.3 miles south of junction of SR 18
*RI-6 (I-65)	7.5 miles north of junction of SR 160
RI-26 (I-90)-TR**	Between Jct. SR 3 and SR 13 at Co. Rd. 1200W
RI-28 (I-90)-TR**	Between Jct. U.S. 31 and SR 39 at Olive Road

Four-lane Highways

*4L-32 (U.S. 30)	2.0 miles east of junction of SR 49
*4L-17 (U.S. 52)	1.0 mile west of Klondike
4L-18 (U.S. 52)	1.4 mile south of Kentland
4L-19 (U.S. 52)	4.3 miles north of Kentland

Two-lane Highways

*2L-18 (U.S. 35)	1.5 miles east of junction of I-69
*2L-54 (U.S. 231)	1.0 mile south of junction of SR 234
2L-56 (S.R. 24)	3.0 miles east of junction of U.S. 41
2L-62 (S.R. 37)	1.4 mile north of junction of SR 237

Urban Interstate Highways

*UI-6 (I-65)	East of White River Bridge
UI-4 (I-465)	Indianapolis, at mile post 015

The vehicles were classified as Indiana or Non-Indiana Passenger Cars and Light (less than 5000 lbs. gross weight) or Heavy (equal to or more than 5000 lbs. gross weight) Trucks. The analysis was performed as classified and combined, passenger cars or trucks.

The maximum speed limit in Indiana is 55 miles per hour, both on Interstate and other rural highways.

* Control stations

** Toll Road

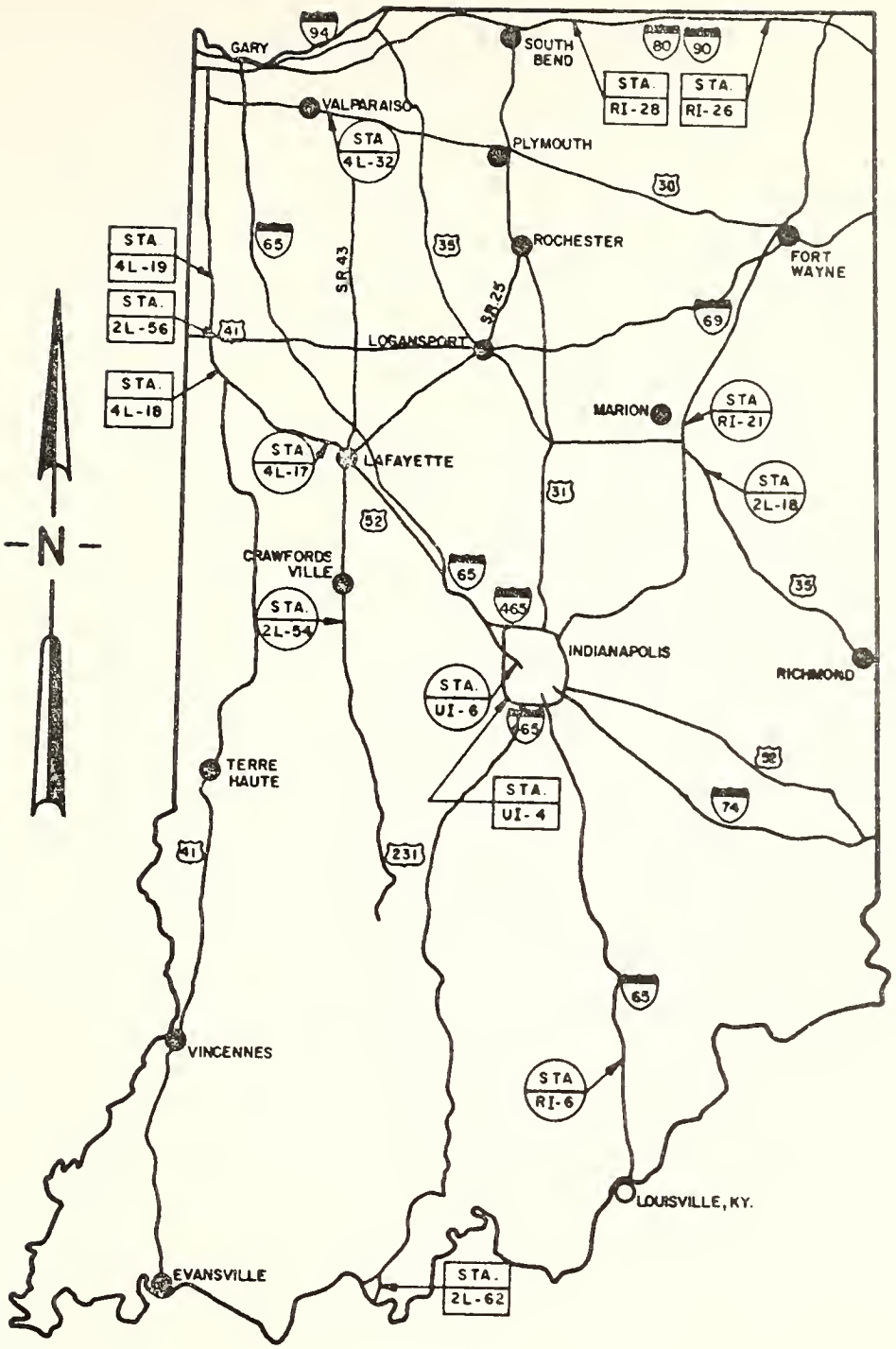

FIGURE A , LOCATIONS OF SPEED-STUDY STATIONS

Equipment and Field Procedure

The observations for this study were obtained by use of a Radar Speed Meter. The meter was placed approximately four feet from the edge of the pavement at angles less than 10° with the highway center line. No corrections of speeds were necessary at these small angles. At the beginning of the study the accuracy of the meter was checked and any constant discrepancy of readings was corrected accordingly.

RESULTS OF ANALYSIS

The data collected were analyzed and are summarized in Tables 1 to 14 in the Appendix. Tables 15, 16, 17 and 18 summarize the data for rural interstate, four lane, two lane and urban interstate highways, respectively. Table 19 is the summary for all highways. Tables 20 through 34 are summaries in an FHWA format which is desired.

The average speed for each classification of vehicles on each type of highway for this study was as follows:

	Interstate		Other Four Lane	Two Lane
	Urban	Rural	Rural	Rural
Passenger Cars:				
Indiana	57.5	58.1	57.1	55.3
Non-Indiana	57.8	58.9	57.2	55.3
All Passenger Cars	57.5	58.6	57.1	55.3
85 Percentile (all)	61.6	67.5	61.9	60.7
Trucks:				
Less than 5000 lbs.	56.4	57.1	56.6	53.5
5000 lbs. or more	54.8	58.7	57.0	53.5
All Vehicles:				
Average	57.0	58.5	57.0	54.7
85 Percentile	61.3	62.5	62.0	60.3

The percent of vehicles exceeding the speed limit (55 mph) for each classification of vehicle and each type of highway was as follows:

	Interstate		Other	
	Urban	Rural	Four Lane	Two Lane
Passenger Cars:				
Indiana	66	73	63	49
Non-Indiana	67	78	67	51
All Passenger Cars	66	76	63	49
Trucks:				
Less than 5000 lbs.	58	62	62	39
5000 lbs. or more	51	76	63	41
All Vehicles:	63	74	63	46

The percent of vehicles traveling more than 5 mph above the speed limit (exceeding 60 mph) for each case was as follows:

	Interstate		Other Four Lane	Two Lane
	Urban	Rural	Rural	Rural
Passenger Cars:				
Indiana	23	27	26	19
Non-Indiana	30	32	27	17
All Passenger Cars	24	30	26	19
Trucks:				
Less than 5000 lbs.	22	21	24	13
5000 lbs. or more	13	35	26	12
All Vehicles:	23	30	25	16

The percent of vehicles traveling more than 10 miles per hour above the speed limit (exceeding 65 mph) for each case was as follows:

	Interstate		Other Four Lane	Two Lane
	Urban	Rural	Rural	Rural
Passenger Cars:				
Indiana	5	6	7	6
Non-Indiana	3	7	6	3
All Passenger Cars	5	6	7	5
Trucks:				
Less than 5000 lbs.	4	4	5	3
5000 lbs. or more	1	8	8	3
All Vehicles:	4	7	7	5

Summary and Conclusions

The overall average speed for all vehicles and passenger cars in this study was found to be 56.8 and 57.1 mph, respectively. The overall average speeds for heavy trucks and for all trucks were found to be 56.6 mph and 56.1 mph, respectively. These overall average speeds are about the same for all vehicles and passenger cars as the results of February-March 1976. However, the overall average speeds for heavy trucks and for all trucks are 1.7 mph and 0.5 mph, respectively, more than the results fo the February-March 1976 study.

Table A presents a comparison of the overall speed results with that of the previous two studies. The 85th percentile speed of passenger cars was about the same for the three periods under consideration.

A comparison of April-June 1976 speed data with that for other recent periods for several types of highway for passenger cars and trucks is shown in Tables B, C, D and E.

The increase in the average speed for heavy trucks occurred mainly on rural interstate and four-lane highways (as compared to the February-March 1976 study). On the other hand, the average speeds and 85th percentile speeds for passenger cars were about the same on all types of highway except for the rural interstate highways where there was a slight increase from the February-March 1976 study.

TABLE A

COMPARISON OF THE OVERALL SPEED RESULTS

	April-June 1976	Feb.-March 1976	Oct.-Nov. 1975
Average:			
All Passenger Cars	57.1	57.3	57.8
Heavy Trucks	56.6	54.9	56.3
All Trucks	56.1	55.6	56.3
85 Percentile:			
All Passenger Cars	61.8	61.5	61.8
Heavy Trucks	61.9	59.5	60.5
All Trucks	61.4	60.2	60.7
15 Percentile:			
Heavy Trucks	50.5	49.3	51.2

TABLE B

AVERAGE SPEEDS ON INTERSTATE HIGHWAYS (URBAN)

	April-June 1976	Feb.-March 1976	Oct.-Nov. 1975	July-Sept. 1975
Passenger Cars:				
Indiana	57.5	57.2	59.1	59.7
Non-Indiana	57.8	57.5	58.8	60.9
All Passenger Cars	57.5	57.2	59.0	60.0
85 Percentile (all)	61.6	61.0	62.3	64.2
Trucks:				
Less than 5000 lbs.	56.4	57.0	61.0	58.6
5000 lbs. or more	54.8	54.4	58.1	58.7

TABLE C

AVERAGE SPEEDS ON INTERSTATE HIGHWAYS (RURAL)

	April-June 1976	Feb.-March 1976	Oct.-Nov. 1975	July-Sept. 1975
Passenger Cars:				
Indiana	58.1	57.4	56.8	59.7
Non-Indiana	58.9	58.0	57.1	60.2
All Passenger Cars	58.6	57.5	56.9	59.9
85 Percentile (all)	62.5	61.8	60.4	64.2
Trucks:				
Less than 5000 lbs.	57.1	56.5	55.9	58.2
5000 lbs. or more	58.7	56.7	56.5	59.3

TABLE D

AVERAGE SPEEDS ON OTHER FOUR-LANE HIGHWAYS

	April-June 1976	Feb.-March 1976	Oct.-Nov. 1975	July-Sept. 1975
Passenger Cars:				
Indiana	57.1	57.7	58.2	57.6
Non-Indiana	57.2	58.6	58.7	58.1
All Passenger Cars	57.1	57.8	58.3	57.7
85 Percentile (all)	61.9	62.2	62.3	62.0
Trucks:				
Less than 5000 lbs.	56.6	57.0	56.0	56.4
5000 lbs. or more	57.0	54.9	55.7	55.9

TABLE E

AVERAGE SPEEDS ON TWO-LANE HIGHWAYS

	April-June 1976	Feb.-March 1976	Oct.-Nov. 1975	July-Sept. 1975
Passenger Cars:				
Indiana	55.3	56.4	57.5	57.2
Non-Indiana	55.3	55.9	57.1	57.4
All Passenger Cars	55.3	56.4	57.4	57.8
85 Percentile (all)	60.7	60.5	62.5	62.5
Trucks:				
Less than 5000 lbs.	53.5	55.2	56.4	57.5
5000 lbs. or more	53.5	53.4	55.4	56.2

APPENDIX A

Speed Data (Tables 1 to 19)

TABLE 1 SPEED DATA

Station RI-21 Highway I-69 Location 3.3 miles South of Junction of SR 18

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Clear

This Observation
Date 6/2/76
Time 10:35 - 11:35AM &12:05-1:20PM

Last Previous Observation (Speed Report No. 96)
Date 3/23/76
Time 2:22 - 4:37 PM

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.	322	335	215	199	107	136	103	88	52	38	51	50
	Ave. speed (m.p.h.)	57.44	57.94	57.28	57.59	57.75	58.46	56.64	56.77	55.94	57.05	57.35	56.56
	Standard deviation	4.294	4.855	4.540	4.494	3.752	5.315	4.627	4.446	3.632	5.362	5.403	3.643
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	44 m.p.h.	0.31	0.0	0.47	0.0	0.0	0.0	0.0	1.14	0.0	2.63	0.0	0.0
	49 m.p.h.	2.17	3.28	2.79	3.52	0.93	2.94	3.88	4.55	1.92	5.26	5.88	4.00
	54 m.p.h.	22.67	19.70	23.72	22.11	20.56	16.18	33.98	30.68	36.54	34.21	31.37	28.00
	59 m.p.h.	72.67	65.37	74.88	68.84	68.22	60.29	74.76	75.00	84.62	71.05	64.71	78.00
	64 m.p.h.	95.65	93.73	95.81	94.47	95.33	92.65	94.17	95.45	100.0	92.11	88.24	98.00
	69 m.p.h.	99.07	98.21	99.07	98.49	99.07	97.79	99.03	100.00	100.00	100.0	98.04	100.0
	74 m.p.h.	99.38	99.40	99.07	100.0	100.0	98.53	100.0	100.0	100.0	100.0	100.0	100.0
	79 m.p.h.	99.69	99.70	99.53	100.0	100.0	99.26	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.00	99.70	100.0	100.0	100.0	99.26	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bnd	No. of vehicles obs.	156	169	104	107	52	62	55	42	30	17	25	25
	Average speed	59.21	59.05	59.28	58.42	59.06	60.15	58.62	58.31	56.77	59.29	60.84	57.64
Bnd	No. of vehicles obs.	166	166	111	92	55	74	48	46	22	21	26	25
	Average speed	55.78	56.81	55.41	56.62	56.51	57.04	54.38	55.37	54.82	55.24	54.00	55.48

TABLE 2 SPEED DATA

Station RI-6 Highway I-65 Location 7.5 miles North of Junction of SR 160

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Hazy

This Observation
Date 6/10/76
Time 12:00-12:50PM & 1:15-2:05PM

Last Previous Observation (Speed Report No. __)
Date
Time

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.		302		96		206		118		68		50
	Ave. speed (m.p.h.)		58.74		58.22		58.99		58.07		57.51		58.82
	Standard deviation		4.211		3.809		4.373		4.835		4.583		5.110
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 39 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 44 m.p.h.		0.66		0.0		.97		0.0		0.0		0.0
	% of vehicles traveling at or less than 49 m.p.h.		0.99		0.0		1.46		5.08		4.41		6.00
	% of vehicles traveling at or less than 54 m.p.h.		14.57		16.67		13.59		25.42		27.94		22.00
	% of vehicles traveling at or less than 59 m.p.h.		62.25		67.71		59.71		56.78		64.71		46.00
	% of vehicles traveling at or less than 64 m.p.h.		91.06		93.75		89.81		92.37		94.12		90.00
	% of vehicles traveling at or less than 69 m.p.h.		98.68		100.0		98.06		99.15		100.0		98.00
	% of vehicles traveling at or less than 74 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 79 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
Bnd	No. of vehicles obs.		155		51		104		55		30		25
	Average speed		59.09		58.69		59.29		59.75		58.57		61.16
Bnd	No. of vehicles obs.		147		45		102		63		38		25
	Average speed		58.37		57.69		58.68		56.60		56.68		56.48

TABLE 3 SPEED DATA

Station RI-26 Highway I-90(Toll Road) Location Between Jct. SR 3 and SR 13, at Co.Rd. 1200 W

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Clear

This Observation
Date 6/8/76
Time 11:45 - 2:10 PM

Last Previous Observation (Speed Report No. __)
Date
Time

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.		238		42		196		194		38		156
	Ave. speed (m.p.h.)		59.39		58.26		59.63		58.90		57.16		59.33
	Standard deviation		4.699		4.559		4.704		4.402		4.162		4.366
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 39 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 44 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 49 m.p.h.		1.26		0.0		1.53		1.03		2.63		0.64
	% of vehicles traveling at or less than 54 m.p.h.		14.29		23.81		12.24		14.43		21.05		12.82
	% of vehicles traveling at or less than 59 m.p.h.		50.84		64.29		47.96		56.70		73.68		52.56
	% of vehicles traveling at or less than 64 m.p.h.		86.13		85.71		86.22		88.66		94.74		87.18
	% of vehicles traveling at or less than 69 m.p.h.		97.06		97.62		96.94		99.48		100.0		99.36
	% of vehicles traveling at or less than 74 m.p.h.		99.58		100.0		99.49		100.0		100.0		100.0
	% of vehicles traveling at or less than 79 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
Bnd	No. of vehicles obs.		113		22		91		103		22		81
	Average speed		58.77		57.77		59.01		58.63		58.14		58.77
Bnd	No. of vehicles obs.		125		20		105		91		16		75
	Average speed		59.95		58.80		60.17		59.21		55.81		59.93

TABLE 4 SPEED DATA

Station RI-28 Highway I-90(Toll Road) Location Between Jct. US 31 and SR 39, at Olive Road

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Clear

This Observation
Date 6/8/76
Time 3:10-5:20 PM

Last Previous Observation (Speed Report No. __)
Date
Time

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.		252		90		162		174		39		135
	Ave. speed (m.p.h.)		58.56		59.06		58.28		58.08		56.15		58.64
	Standard deviation		4.343		4.283		4.364		4.757		4.069		4.809
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 39 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 44 m.p.h.		0.40		0.0		0.62		0.57		0.0		0.74
	% of vehicles traveling at or less than 49 m.p.h.		1.59		1.11		1.85		3.45		5.13		2.96
	% of vehicles traveling at or less than 54 m.p.h.		13.89		8.89		16.67		21.26		30.77		18.52
	% of vehicles traveling at or less than 59 m.p.h.		63.10		57.78		66.05		65.52		82.05		60.74
	% of vehicles traveling at or less than 64 m.p.h.		91.67		90.00		92.59		89.66		97.44		87.41
	% of vehicles traveling at or less than 69 m.p.h.		98.02		97.78		98.15		98.85		100.0		98.52
	% of vehicles traveling at or less than 74 m.p.h.		99.60		100.0		99.38		100.0		100.0		100.0
	% of vehicles traveling at or less than 79 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
Bnd	No. of vehicles obs.		122		44		78		89		17		72
	Average speed		58.63		59.39		58.21		59.11		57.24		59.56
Bnd	No. of vehicles obs.		130		46		84		85		22		63
	Average speed		58.48		58.74		58.35		57.00		55.32		57.59

TABLE 5 SPEED DATA

Station 4L-32 Highway U.S. 30 Location 2.0 Miles East of Junction of SR 49

No. of Lanes 4 Type of Surface Asphalt Concrete Weather Clear

This Observation
Date 6/3/76
Time 10:50-1:45 PM

Last Previous Observation (Speed Report No. 96)
Date 3/18/76
Time 10:55 - 2:10 PM

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.	312	296	234	213	78	83	111	127	60	76	51	51
	Ave. speed (m.p.h.)	58.22	56.50	58.04	56.21	58.76	57.24	57.02	56.79	57.58	56.97	56.35	56.51
	Standard deviation	4.389	4.546	4.494	4.554	4.039	4.466	4.967	4.503	5.146	4.814	4.711	4.027
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	44 m.p.h.	0.0	0.34	0.0	0.0	0.0	1.20	0.0	0.0	0.0	0.0	0.0	0.0
	49 m.p.h.	2.56	7.77	2.99	7.51	1.28	8.43	7.21	3.15	3.33	2.63	11.76	3.92
	54 m.p.h.	19.23	33.78	20.09	37.56	16.67	24.10	29.73	32.28	31.67	31.58	27.45	33.33
	59 m.p.h.	62.82	74.32	66.24	76.53	52.56	68.67	72.97	72.44	68.33	68.42	78.43	78.43
	64 m.p.h.	93.59	95.27	93.59	95.31	93.59	95.18	92.79	94.49	90.00	92.11	96.08	98.04
	69 m.p.h.	99.68	99.66	99.57	99.53	100.0	100.0	98.20	99.21	96.67	98.68	100.0	100.0
	74 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bnd	No. of vehicles obs.	153	158	115	113	38	45	58	53	32	27	26	26
	Average speed	58.80	55.91	58.62	55.58	59.37	56.76	57.95	56.38	58.97	57.11	56.69	55.62
Bnd	No. of vehicles obs.	159	138	119	100	40	38	53	74	28	49	25	25
	Average speed	57.66	57.17	57.49	56.93	58.17	57.82	56.00	57.08	56.00	56.90	56.00	57.44

TABLE 6 SPEED DATA

Station 4L-17 Highway U.S. 52 Location 1.0 Mile West of Klondike

No. of Lanes 4 Type of Surface Asphalt Concrete Weather Hazy

This Observation
Date 6/15/76
Time 9:10-11:10 AM & 11:30-1:00 PM

Last Previous Observation (Speed Report No. 96)
Date 3/26/76
Time 8:53-1:10

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.	368	303	349	285	19	18	113	137	63	86	50	51
	Ave. speed (m.p.h.)	57.49	56.54	57.45	56.58	58.16	55.89	55.07	54.75	56.37	55.02	53.44	54.29
	Standard deviation	5.482	6.617	5.467	6.550	5.862	7.775	6.676	6.696	7.285	7.318	5.463	5.529
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% of vehicles traveling at or less than 29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.73	0.0	1.16	0.0	0.0
	% of vehicles traveling at or less than 34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	1.77	0.73	3.17	1.16	0.0	0.0
	% of vehicles traveling at or less than 39 m.p.h.	0.0	1.65	0.0	1.75	0.0	0.0	1.77	1.46	3.17	2.33	0.0	0.0
	% of vehicles traveling at or less than 44 m.p.h.	1.09	4.29	1.15	4.56	0.0	0.0	6.19	5.84	3.17	5.81	10.00	5.88
	% of vehicles traveling at or less than 49 m.p.h.	6.52	12.21	6.59	11.23	5.26	27.78	15.93	18.98	15.87	18.60	16.00	19.61
	% of vehicles traveling at or less than 54 m.p.h.	29.08	33.66	29.23	32.28	26.32	55.56	46.02	46.72	38.10	44.19	56.00	50.98
	% of vehicles traveling at or less than 59 m.p.h.	66.03	67.99	66.19	68.42	63.16	61.11	75.22	73.72	65.08	68.60	88.00	82.35
	% of vehicles traveling at or less than 64 m.p.h.	90.49	89.44	91.12	89.82	78.95	83.33	91.15	97.81	85.71	96.51	98.00	100.0
	% of vehicles traveling at or less than 69 m.p.h.	98.10	99.01	98.28	99.30	94.74	94.44	100.0	98.54	100.0	97.67	100.0	100.0
	% of vehicles traveling at or less than 74 m.p.h.	100.0	99.67	100.0	99.65	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	% of vehicles traveling at or less than 79 m.p.h.	100.0	99.67	100.0	99.65	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	% of vehicles traveling at or less than 84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	% of vehicles traveling at or less than 89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bnd	No. of vehicles obs.	205	160	195	155	10	5	56	57	31	37	25	20
	Average speed	58.62	57.36	58.57	57.39	59.70	56.60	56.50	55.46	58.03	54.95	54.60	56.40
Bnd	No. of vehicles obs.	163	143	154	130	9	13	57	80	32	49	25	31
	Average speed	56.06	55.62	56.03	55.62	56.44	55.62	53.67	54.25	54.75	55.08	52.28	52.94

Sheet 7

Station 4L-18 Highway U.S. 52 Location 1.4 Mile South of Kentland

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Clear

This Observation
Date 6/4/76
Time 10:00-12:30 PM & 1:25-3:25 PM

Last Previous Observation (Speed Report No.)
Date
Time

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.		263		210		53		167		102		65
	Ave. speed (m.p.h.)		58.53		58.52		58.55		57.29		57.90		56.34
	Standard deviation		5.852		6.036		5.109		6.281		6.280		6.211
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	39 m.p.h.		0.38		0.48		0.0		0.60		0.98		0.0
	44 m.p.h.		1.14		1.43		0.0		1.80		1.96		1.54
	49 m.p.h.		4.56		4.76		3.77		8.98		6.86		12.31
	54 m.p.h.		22.81		22.86		22.64		28.14		20.59		40.00
	59 m.p.h.		61.60		61.43		62.26		68.86		66.67		72.31
	64 m.p.h.		86.69		85.71		90.57		91.02		92.16		89.23
	69 m.p.h.		96.58		96.19		98.11		95.81		94.12		98.46
	74 m.p.h.		98.86		98.57		100.0		98.20		97.06		100.0
	79 m.p.h.		99.62		99.52		100.0		99.40		99.02		100.0
	84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
Bnd	No. of vehicles obs.		143		100		43		77		52		25
	Average speed		58.66		58.67		58.63		56.26		57.27		54.16
Bnd	No. of vehicles obs.		120		110		10		90		50		40
	Average speed		58.37		58.39		59.20		58.18		58.56		57.70

TABLE 8 SPEED DATA

Station 4L-19 Highway U.S. 52 Location 4.3 Miles North of Kentland

No. of Lanes 4 Type of Surface Asphalt Concrete Weather Clear

This Observation
Date 6/18/76
Time 9:20-11:20 AM

Last Previous Observation (Speed Report No. __)
Date
Time

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.		260		201		59		179		67		112
	Ave. speed (m.p.h.)		57.12		57.31		56.47		57.80		56.13		58.79
	Standard deviation		5.880		6.078		5.144		6.440		6.218		6.391
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 34 m.p.h.		0.0		0.0		0.0		0.56		0.0		0.89
	% of vehicles traveling at or less than 39 m.p.h.		0.38		0.50		0.0		1.12		1.49		0.89
	% of vehicles traveling at or less than 44 m.p.h.		1.54		1.49		1.69		4.47		5.97		3.57
	% of vehicles traveling at or less than 49 m.p.h.		8.46		8.96		6.78		8.38		11.94		6.25
	% of vehicles traveling at or less than 54 m.p.h.		30.00		29.85		30.51		21.23		26.87		17.86
	% of vehicles traveling at or less than 59 m.p.h.		66.15		65.17		69.49		63.13		74.63		56.25
	% of vehicles traveling at or less than 64 m.p.h.		91.54		90.05		96.61		85.47		94.03		80.36
	% of vehicles traveling at or less than 69 m.p.h.		98.08		97.51		100.0		97.77		98.51		97.32
	% of vehicles traveling at or less than 74 m.p.h.		99.23		99.00		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 79 m.p.h.		99.62		99.50		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
Bnd	No. of vehicles obs.		130		96		34		81		29		52
	Average speed		56.59		56.86		55.82		57.78		56.59		58.44
Bnd	No. of vehicles obs.		130		105		25		98		38		60
	Average speed		57.65		57.71		57.36		57.82		55.79		59.10

TABLE 9 SPEED DATA

Station 2L-18 Highway U.S. 35 Location 1.5 Miles east of Jct. of I-69

No. of Lanes 2 Type of Surface Asphalt Concrete Weather Clear

This Observation
Date 6/2/76
Time 2:25-5:20 PM

Last Previous Observation (Speed Report No. 96)
Date 3/23/76
Time 10:40-1:40 PM

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.	310	305	270	256	40	49	126	128	76	78	50	50
	Ave. speed (m.p.h.)	56.05	55.74	56.06	55.96	56.00	53.61	53.66	54.42	54.54	55.27	52.32	53.10
	Standard deviation	5.466	6.022	5.398	6.064	5.979	5.726	5.533	5.692	5.639	5.886	5.137	5.160
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	0.32	0.33	0.37	0.39	0.0	0.0	0.0	0.78	0.0	0.0	0.0	2.00
	44 m.p.h.	1.29	2.30	0.74	1.56	5.00	6.12	7.94	5.47	6.58	3.85	10.0	8.00
	49 m.p.h.	8.71	14.10	8.15	12.89	12.50	20.41	18.25	14.06	14.47	12.82	24.00	16.00
	54 m.p.h.	37.74	42.95	37.78	42.19	37.50	46.94	55.56	49.22	48.68	42.31	66.00	60.00
	59 m.p.h.	80.97	76.39	81.48	75.78	77.50	79.59	87.30	84.38	84.21	79.49	92.00	92.00
	64 m.p.h.	93.23	94.10	93.33	93.36	92.50	97.96	97.62	97.66	96.05	96.15	100.0	100.0
	69 m.p.h.	97.42	97.38	97.41	96.88	97.50	100.0	99.21	99.22	98.68	98.72	100.0	100.0
	74 m.p.h.	99.35	99.02	99.26	98.83	100.0	100.0	100.0	99.22	100.0	98.72	100.0	100.0
	79 m.p.h.	100.0	99.34	100.0	99.22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bnd	No. of vehicles obs.	152	149	127	124	25	25	69	66	44	41	25	25
	Average speed	57.29	55.15	57.18	55.32	57.84	54.28	55.04	53.62	56.41	54.66	52.64	51.92
Bnd	No. of vehicles obs.	158	156	143	132	15	24	57	62	32	37	25	25
	Average speed	54.85	56.31	55.06	56.55	52.93	54.96	51.98	55.27	51.97	55.95	52.00	54.28

TABLE 10 SPEED DATA

Station 2L-54 Highway U.S. 231 Location 1.0 mile South of Jct. SR 234

No. of Lanes 2 Type of Surface Asphalt Concrete Weather Cloudy

This Observation
Date 6/25/76
Time 9:45-12:30 PM

Last Previous Observation (Speed Report No. __)
Date
Time

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.		271		241		30		150		91		59
	Ave. speed (m.p.h.)		56.86		56.95		56.20		55.63		55.67		55.56
	Standard deviation		6.998		7.209		5.034		6.253		6.927		5.097
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 39 m.p.h.		0.74		0.83		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 44 m.p.h.		2.21		2.49		0.0		4.00		5.49		1.69
	% of vehicles traveling at or less than 49 m.p.h.		9.96		9.96		10.00		13.33		15.38		10.17
	% of vehicles traveling at or less than 54 m.p.h.		33.95		34.02		33.33		43.33		43.96		42.37
	% of vehicles traveling at or less than 59 m.p.h.		75.65		75.10		80.00		79.33		81.32		76.27
	% of vehicles traveling at or less than 64 m.p.h.		89.30		88.80		93.33		95.33		93.41		98.31
	% of vehicles traveling at or less than 69 m.p.h.		95.94		95.44		100.0		98.0		96.70		100.0
	% of vehicles traveling at or less than 74 m.p.h.		97.79		97.51		100.0		98.0		96.70		100.0
	% of vehicles traveling at or less than 79 m.p.h.		98.89		98.76		100.0		99.33		98.90		100.0
	% of vehicles traveling at or less than 84 m.p.h.		99.26		99.17		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 89 m.p.h.		99.63		99.59		100.0		100.0		100.0		100.0
Bnd	No. of vehicles obs.		142		122		20		68		43		25
	Average speed		57.29		57.39		56.70		55.97		56.00		55.92
Bnd	No. of vehicles obs.		129		119		10		82		48		34
	Average speed		56.40		56.50		55.20		55.34		55.37		55.29

TABLE 11 SPEED DATA

Station 2L-56 Highway S.R. 24 Location 3.0 Miles East of Jct. of U.S. 41

No. of Lanes 2 Type of Surface Asphalt Concrete Weather Clear

This Observation
Date 6/7/76
Time 11:10 - 2:30 PM

Last Previous Observation (Speed Report No. __)
Date
Time

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.		267		164		103		154		74		80
	Ave. speed (m.p.h.)		56.86		57.33		56.11		55.09		54.61		55.54
	Standard deviation		5.652		5.817		5.321		6.182		5.965		6.380
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	39 m.p.h.		0.37		0.61		0.0		1.30		0.0		2.50
	44 m.p.h.		2.25		1.83		2.91		3.90		2.70		5.00
	49 m.p.h.		8.99		9.15		8.74		17.53		21.62		13.75
	54 m.p.h.		31.46		26.83		38.83		40.91		50.00		32.50
	59 m.p.h.		70.04		67.07		74.76		79.22		81.08		77.50
	64 m.p.h.		92.13		90.85		94.17		94.16		95.95		92.50
	69 m.p.h.		98.13		96.95		100.0		99.35		98.65		100.0
	74 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	79 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
Bnd	No. of vehicles obs.		137		73		64		73		33		40
	Average speed		56.93		57.70		56.06		54.86		54.09		55.50
Bnd	No. of vehicles obs.		130		91		39		81		41		40
	Average speed		56.78		57.03		56.18		55.30		55.02		55.57

TABLE 12 SPEED DATA

Station 2L-62 Highway S.R. 37 Location 1.4 miles north of Jct. SR. 237

No. of Lanes 2 Type of Surface Asphalt Concrete Weather Hazy

This Observation
Date 6/11/76
Time 8:20-11:40 A.M.

Last Previous Observation (Speed Report No. __)
Date
Time

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.		258		235		23		162		112		50
	Ave. speed (m.p.h.)		51.48		51.44		51.91		49.37		49.82		48.36
	Standard deviation		6.766		6.910		5.178		6.518		6.761		5.875
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 34 m.p.h.		0.78		0.85		0.0		1.23		1.79		0.0
	% of vehicles traveling at or less than 39 m.p.h.		3.10		2.98		4.35		9.26		8.93		10.00
	% of vehicles traveling at or less than 44 m.p.h.		12.02		12.77		4.35		19.14		19.64		18.00
	% of vehicles traveling at or less than 49 m.p.h.		38.37		38.72		34.78		51.23		47.32		60.00
	% of vehicles traveling at or less than 54 m.p.h.		70.54		71.91		56.52		77.78		73.21		88.00
	% of vehicles traveling at or less than 59 m.p.h.		90.70		90.21		95.65		94.44		93.75		96.00
	% of vehicles traveling at or less than 64 m.p.h.		96.90		96.60		100.0		98.77		98.21		100.0
	% of vehicles traveling at or less than 69 m.p.h.		98.84		98.72		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 74 m.p.h.		99.61		99.57		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 79 m.p.h.		99.61		99.57		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 84 m.p.h.		99.61		99.57		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 89 m.p.h.		99.61		99.57		100.0		100.0		100.0		100.0
Bnd	No. of vehicles obs.		128		109		19		82		57		25
	Average speed		51.02		50.93		51.53		48.76		49.51		47.04
Bnd	No. of vehicles obs.		130		126		4		80		55		25
	Average speed		51.95		51.89		53.75		50.00		50.15		49.68

TABLE 13 SPEED DATA

Station UI-6 Highway I-65 Location East of White River Bridge

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Hazy

This Observation
Date 6/17/76
Time 10:22-12:20 P.M.

Last Previous Observation (Speed Report No. 96)
Date 3/19/76
Time 11:02-12:53 P.M.

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.	373	350	342	302	31	48	87	95	35	42	52	53
	Ave. speed (m.p.h.)	57.21	57.83	57.18	57.81	57.52	57.96	55.40	55.33	56.97	56.69	54.35	54.25
	Standard deviation	4.164	5.032	4.187	5.093	3.957	4.681	4.644	6.594	4.409	6.059	4.537	6.853
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.11	0.0	0.0	0.0	3.77
	39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.11	0.0	0.0	0.0	3.77
	44 m.p.h.	0.0	0.86	0.0	0.99	0.0	0.0	1.15	8.42	0.0	7.14	1.92	9.43
	49 m.p.h.	1.61	4.00	1.75	4.30	0.0	2.08	11.49	14.74	2.86	11.90	17.31	16.98
	54 m.p.h.	25.47	22.57	25.15	21.52	29.03	29.17	33.33	41.05	22.86	33.33	40.38	47.17
	59 m.p.h.	72.39	66.29	72.81	66.23	67.74	66.67	86.21	72.63	74.29	66.67	94.23	77.36
	64 m.p.h.	96.78	91.71	96.49	91.72	100.0	91.67	97.70	95.79	94.29	90.48	100.0	100.0
	69 m.p.h.	99.20	98.86	99.12	98.68	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	74 m.p.h.	99.73	99.43	99.71	99.34	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bnd	No. of vehicles obs.	197	179	183	152	14	27	49	49	23	23	26	26
	Average speed	57.75	57.67	57.72	57.61	58.07	58.00	55.55	54.55	57.13	55.96	54.15	53.31
Bnd	No. of vehicles obs.	176	171	159	150	17	21	38	46	12	19	26	27
	Average speed	56.61	57.99	56.56	58.01	57.06	57.90	55.21	56.15	56.67	57.58	54.54	55.15

TABLE 14 SPEED DATA

Station UI-4 Highway I-465 Location Indianapolis, at milepost 015

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Cloudy

This Observation
Date 6/1/1976
Time 1:50-2:30 P.M. & 3:00-3:40 P.M.

Last Previous Observation (Speed Report No. __)
Date
Time

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.		301		257		44		122		71		51
	Ave. speed (m.p.h.)		57.15		57.09		57.52		55.87		56.17		55.45
	Standard deviation		4.810		4.848		4.623		4.648		4.638		4.675
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 39 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	% of vehicles traveling at or less than 44 m.p.h.		0.66		0.78		0.0		0.82		1.41		0.0
	% of vehicles traveling at or less than 49 m.p.h.		4.32		3.11		11.36		8.20		7.04		9.80
	% of vehicles traveling at or less than 54 m.p.h.		26.91		27.63		22.73		39.34		33.80		47.06
	% of vehicles traveling at or less than 59 m.p.h.		71.76		74.32		56.82		79.51		78.87		80.39
	% of vehicles traveling at or less than 64 m.p.h.		95.02		94.55		97.73		96.72		97.18		96.08
	% of vehicles traveling at or less than 69 m.p.h.		98.01		97.67		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 74 m.p.h.		99.34		99.22		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 79 m.p.h.		99.67		99.61		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	% of vehicles traveling at or less than 89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
Bnd	No. of vehicles obs.		145		126		19		66		41		25
	Average speed		56.50		56.52		56.32		56.59		57.54		55.04
Bnd	No. of vehicles obs.		156		131		25		56		30		26
	Average speed		57.76		57.63		58.44		55.02		54.30		55.85

TABLE 15 SPEED DATA

Station _____ Highway Interstate,Rural Location See individual stations

No. of Lanes _____ Type of Surface _____ Weather _____

This Observation
Date April-June 1976
Time _____

Last Previous Observation (Speed Report No. 96)
Date Feb.-March 1976
Time _____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.	661	1127	481	427	180	700	211	574	108	183	103	391
	Ave. speed (m.p.h.)	57.54	58.60	57.39	58.11	57.96	58.90	56.55	58.16	56.45	57.05	56.66	58.67
	Standard deviation	4.760	4.566	4.931	4.333	4.254	4.680	4.723	4.650	4.446	4.562	5.017	4.606
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	44 m.p.h.	0.30	0.27	0.42	0.0	0.0	0.43	0.0	0.35	0.0	0.55	0.0	0.26
	49 m.p.h.	3.48	1.86	4.37	1.87	1.11	1.86	5.21	3.14	3.70	4.37	6.80	2.56
	54 m.p.h.	26.32	15.88	27.86	18.27	22.22	14.43	35.07	21.25	34.26	28.42	35.92	17.90
	59 m.p.h.	68.08	60.96	69.44	65.81	64.44	58.00	72.51	62.20	76.85	71.58	67.96	57.80
	64 m.p.h.	93.80	90.95	93.97	92.51	93.33	90.00	95.26	90.77	96.30	94.54	94.17	89.00
	69 m.p.h.	98.49	98.05	98.34	98.59	98.89	97.71	99.05	99.30	99.07	100.0	99.03	98.98
	74 m.p.h.	99.70	99.65	99.58	100.00	100.0	99.43	100.0	100.0	100.0	100.0	100.0	100.0
	79 m.p.h.	99.85	99.91	99.79	100.0	100.0	99.86	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	99.91	100.0	100.0	100.0	99.86	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 16 SPEED DATA

Station _____ Highway 4-Lane, RURAL Location See individual stations

No. of Lanes _____ Type of Surface _____ Weather _____

This Observation
Date April-June 1976
Time _____

Last Previous Observation (Speed Report No. 96)
Date Feb.-March 1976
Time _____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
	No. of vehicles obs.	680	1122	583	909	97	213	224	610	123	331	101	279
	Ave. speed (m.p.h.)	57.82	57.13	57.69	57.10	58.64	57.24	56.04	56.77	56.96	56.58	54.91	56.98
	Standard deviation	5.020	5.821	5.103	5.961	4.426	5.191	5.959	6.196	6.337	6.333	5.278	6.033
All Vehicles	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.30	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.89	0.33	1.63	0.30	0.0	0.36
	39 m.p.h.	0.0	0.62	0.0	0.77	0.0	0.0	0.89	0.82	1.63	1.21	0.0	0.36
	44 m.p.h.	0.59	1.87	0.69	2.09	0.0	0.94	3.13	3.11	1.63	3.32	4.95	2.87
	49 m.p.h.	4.71	8.38	5.15	8.36	2.06	8.45	11.61	9.84	9.76	9.97	13.86	9.68
	54 m.p.h.	24.56	30.30	25.56	30.80	18.56	28.17	37.95	31.15	34.96	30.51	41.58	31.90
	59 m.p.h.	64.56	67.74	66.21	67.99	54.64	66.67	74.11	69.02	66.67	69.18	83.17	68.82
	64 m.p.h.	91.91	90.82	92.11	90.21	90.72	93.43	91.96	91.64	87.80	93.66	97.03	89.25
	69 m.p.h.	98.82	98.40	98.80	98.24	98.97	99.06	99.11	97.70	98.37	96.98	100.0	98.57
	74 m.p.h.	100.0	99.47	100.0	99.34	100.0	100.0	100.0	99.51	100.0	99.09	100.0	100.0
	79 m.p.h.	100.0	99.73	100.0	99.67	100.0	100.0	100.0	99.84	100.0	99.70	100.0	100.0
	84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 17 SPEED DATA

Station _____ Highway 2-Lane, Rural Location See individual stations

No. of Lanes _____ Type of Surface _____ Weather _____

This Observation
Date April-June 1976
Time _____

Last Previous Observation (Speed Report No. 96)
Date Feb.-March 1976
Time _____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
	No. of vehicles obs.	629	1101	575	896	54	205	252	594	152	355	100	239
	Ave. speed (m.p.h.)	56.36	55.29	56.39	55.29	55.94	55.29	54.45	53.52	55.17	53.52	53.36	53.53
	Standard deviation	5.116	6.717	5.096	6.969	5.357	5.497	5.209	6.693	5.351	6.917	4.808	6.361
All Vehicles	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.16	0.18	0.17	0.22	0.0	0.0	0.0	0.34	0.0	0.56	0.0	0.0
	39 m.p.h.	0.32	1.09	0.35	1.23	0.0	0.49	0.0	3.03	0.0	2.82	0.0	3.35
	44 m.p.h.	1.11	4.54	0.87	4.80	3.70	3.41	4.37	8.42	3.95	9.01	5.00	7.53
	49 m.p.h.	5.88	17.53	5.57	18.19	9.26	14.63	14.68	24.92	11.84	26.20	19.00	23.01
	54 m.p.h.	35.93	44.41	36.00	44.98	35.19	41.95	51.98	53.37	45.39	54.08	62.00	52.30
	59 m.p.h.	79.81	78.02	79.83	77.79	79.63	79.02	85.32	84.51	82.24	84.79	90.00	84.10
	64 m.p.h.	94.44	93.10	90.43	92.52	94.44	95.61	97.22	96.46	96.05	96.06	99.00	97.07
	69 m.p.h.	98.09	97.55	98.09	96.99	98.15	100.0	99.21	99.16	98.68	98.59	100.0	100.0
	74 m.p.h.	99.68	99.09	99.65	98.88	100.0	100.0	100.0	99.33	100.0	98.87	100.0	100.0
	79 m.p.h.	100.0	99.46	100.0	99.33	100.0	100.0	100.0	99.83	100.0	99.72	100.0	100.0
	84 m.p.h.	100.0	99.73	100.0	99.67	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	99.82	100.0	99.78	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 18 SPEED DATA

Station _____ Highway Interstate, Urban Location See individual stations

No. of Lanes _____ Type of Surface _____ Weather _____

This Observation
Date April-June 1976
Time _____

Last Previous Observation (Speed Report No. 96)
Date Feb.-March 1976
Time _____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
	No. of vehicles obs.	373	651	342	559	31	92	87	217	35	113	52	104
	Ave. speed (m.p.h.)	57.21	57.51	57.18	57.48	57.52	57.75	55.40	55.63	56.97	56.36	54.35	54.84
	Standard deviation	4.164	4.939	4.187	4.990	3.957	4.633	4.644	5.576	4.409	5.191	4.537	5.889
All Vehicles	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.92	0.0	0.0	0.0	1.92
	39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.92	0.0	0.0	0.0	1.92
	44 m.p.h.	0.0	0.77	0.0	0.89	0.0	0.0	1.15	4.15	0.0	3.54	1.92	4.81
	49 m.p.h.	1.61	4.15	1.75	3.76	0.0	6.52	11.49	11.06	2.86	8.85	17.31	13.46
	54 m.p.h.	25.47	24.58	25.15	24.33	29.03	26.09	33.33	40.09	22.86	33.63	40.38	47.12
	59 m.p.h.	72.39	68.82	72.81	69.95	67.74	61.96	86.21	76.50	74.29	74.34	94.23	78.85
	64 m.p.h.	96.78	93.24	96.49	93.02	100.0	94.57	97.70	96.31	94.29	94.69	100.0	98.08
	69 m.p.h.	99.20	98.46	99.12	98.21	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	74 m.p.h.	99.73	99.39	99.71	99.28	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	79 m.p.h.	100.0	99.85	100.0	99.82	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 19 SPEED DATA

Station _____ Highway Indiana System Location See individual stations

No. of Lanes _____ Type of Surface _____ Weather _____

This Observation
Date April-June 1976
Time _____

Last Previous Observation (Speed Report No. 96)
Date Feb.-March 1976
Time _____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	OBSERVATION	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All Vehicles	No. of vehicles obs.	2343	4001	1981	2791	362	1210	774	1995	418	982	356	1013
	Ave. speed (m.p.h.)	57.25	57.10	57.15	56.75	57.80	57.91	55.59	56.08	56.18	55.54	54.90	56.60
	Standard deviation	4.878	5.771	4.936	6.009	4.519	5.091	5.315	6.163	5.422	6.329	5.109	5.955
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.10	0.0	0.0
	34 m.p.h.	0.04	0.05	0.05	0.07	0.0	0.0	0.26	0.30	0.48	0.31	0.0	0.30
	39 m.p.h.	0.09	0.47	0.10	0.64	0.0	0.08	0.26	1.25	0.48	1.43	0.0	1.09
	44 m.p.h.	0.55	1.97	0.56	2.40	0.55	0.99	2.45	4.01	1.91	4.89	3.09	3.16
	49 m.p.h.	4.18	8.37	4.49	9.60	2.49	5.54	10.85	12.53	8.37	14.66	13.76	10.46
	54 m.p.h.	28.25	22.19	29.08	32.14	23.76	22.40	41.21	35.89	37.56	39.00	45.51	32.87
	59 m.p.h.	70.89	68.83	72.08	71.19	64.36	63.39	78.68	72.48	75.60	75.87	82.30	69.20
	64 m.p.h.	93.90	91.88	93.99	91.87	93.37	91.90	95.22	93.33	93.54	94.81	97.19	91.91
	69 m.p.h.	98.59	98.08	98.54	97.89	98.90	98.51	99.22	98.85	98.80	98.47	99.72	99.21
	74 m.p.h.	99.79	99.40	99.75	99.28	100.0	99.67	100.0	99.65	100.0	99.29	100.0	100.0
	79 m.p.h.	99.96	99.73	99.95	99.64	100.0	99.92	100.0	99.90	100.0	99.80	100.0	100.0
	84 m.p.h.	100.0	99.90	100.0	99.89	100.0	99.92	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	99.95	100.0	99.93	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

APPENDIX B

Speed Data Summary as Furnished to FHWA
For Quarterly Speed Monitoring
(Tables 20 to 34)

Monitoring of Speed
(Statistical Summary)

☒ Quarterly Report--Calendar Quarter Ending June 30, 1976

or

☐ Annual Report--Year Ending _____

STATE Indiana

	Miles	Number of Monitor Locations	Number of Vehicles Measured	Duration of Measurement Session (Hours)	Average Speed (MPH)	Median Speed (MPH)	85th Percentile Speed (MPH)	Percent of Motorists Exceeding		
								55 MPH	60 MPH	65 MPH
Interstate Urban	218	2	868	3.5	57.1	56.5	61.3	63	23	4
Interstate Rural	849	4	1701	7.8	58.5	57.7	62.5	74	30	7
Multi-lane, Divided	657	4	1732	14.8	57.0	56.5	62.0	63	25	7
Multi-lane, Undivided	(included in multi-lane, Divided classification)									
2-Lane, Rural	8030	4	1695	12.5	54.7	54.4	60.3	46	16	5
State Total	9754	14	5996	38.6	56.8	56.4	61.6	62	24	6

58 V2

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Rural

STATION NUMBER RI-6 LOCATION I-65, 7.5 miles north of Junction of SR 160

NUMBER OF SESSIONS 1 DATES 6/10/76 VEHICLES MEASURED 420

AVERAGE SPEED (MPH) 58.6 STANDARD DEVIATION (MPH) 4.4

MEDIAN SPEED (MPH) 58.2 85TH PERCENTILE SPEED (MPH) 62.5

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 76 60 MPH: 30 65 MPH: 6

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Rural

STATION NUMBER RI-21 LOCATION I-69, 3.3 miles south of Junction of SR 18

NUMBER OF SESSIONS 1 DATES 6/2/76 VEHICLES MEASURED 423

AVERAGE SPEED (MPH) 57.7 STANDARD DEVIATION (MPH) 4.8

MEDIAN SPEED (MPH) 56.5 85TH PERCENTILE SPEED (MPH) 61.7

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 67 60 MPH: 25 65 MPH: 5

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Rural

STATION NUMBER RI-26 LOCATION I-90 (Toll Road), between Jct SR 3 and SR 13*

NUMBER OF SESSIONS 1 DATES 6/8/76 VEHICLES MEASURED 432

AVERAGE SPEED (MPH) 59.2 STANDARD DEVIATION (MPH) 4.6

MEDIAN SPEED (MPH) 58.6 85TH PERCENTILE SPEED (MPH) 63.4

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 78 60 MPH: 37 65 MPH: 8

*at County Road 1200W

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Rural

STATION NUMBER RI-28 LOCATION I-90 (Toll Road), between Jct US 31 and SR 39 *

NUMBER OF SESSIONS 1 DATES 6/8/76 VEHICLES MEASURED 426

AVERAGE SPEED (MPH) 58.4 STANDARD DEVIATION (MPH) 4.5

MEDIAN SPEED (MPH) 57.5 85TH PERCENTILE SPEED (MPH) 62.1

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 76 60 MPH: 29 65 MPH: 7

*at Olive Road

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-lane, Divided (Rural)

STATION NUMBER 4L-17 LOCATION US 52, 1.0 mile west of Klondike

NUMBER OF SESSIONS 1 DATES 6/15/76 VEHICLES MEASURED 440

AVERAGE SPEED (MPH) 56.0 STANDARD DEVIATION (MPH) 6.7

MEDIAN SPEED (MPH) 55.9 85TH PERCENTILE SPEED (MPH) 61.7

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 55 60 MPH: 24 65 MPH: 6

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-lane, Divided (Rural)

STATION NUMBER 4L-18 LOCATION US 52, 1.4 miles south of Kentland

NUMBER OF SESSIONS 1 DATES 6/4/76 VEHICLES MEASURED 430

AVERAGE SPEED (MPH) 58.1 STANDARD DEVIATION (MPH) 6.0

MEDIAN SPEED (MPH) 57.1 85TH PERCENTILE SPEED (MPH) 63.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 70 60 MPH: 30 65 MPH: 9

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-lane, Divided (Rural)

STATION NUMBER 4L-19 LOCATION US 52, 4.3 miles north of Kentland

NUMBER OF SESSIONS 1 DATES 6/18/76 VEHICLES MEASURED 439

AVERAGE SPEED (MPH) 57.4 STANDARD DEVIATION (MPH) 6.1

MEDIAN SPEED (MPH) 56.8 85TH PERCENTILE SPEED (MPH) 63.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 65 60 MPH: 29 65 MPH: 8

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-lane, Divided (Rural)

STATION NUMBER 4L-32 LOCATION US 30, 2.0 miles east of Junction of SR 49

NUMBER OF SESSIONS 1 DATES 6/3/76 VEHICLES MEASURED 423

AVERAGE SPEED (MPH) 56.6 STANDARD DEVIATION (MPH) 4.5

MEDIAN SPEED (MPH) 56.0 85TH PERCENTILE SPEED (MPH) 60.6

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 61 60 MPH: 18 65 MPH: 4

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two-lane, Rural

STATION NUMBER 2L-18 LOCATION US 35, 1.5 miles east of Junction of I-69

NUMBER OF SESSIONS 1 DATES 6/2/76 VEHICLES MEASURED 433

AVERAGE SPEED (MPH) 55.4 STANDARD DEVIATION (MPH) 5.9

MEDIAN SPEED (MPH) 54.8 85TH PERCENTILE SPEED (MPH) 60.6

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 49 60 MPH: 19 65 MPH: 4

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two-lane, Rural

STATION NUMBER 2L-54 LOCATION US 231, 1.0 mile south of Junction of SR 234

NUMBER OF SESSIONS 1 DATES 6/25/76 VEHICLES MEASURED 421

AVERAGE SPEED (MPH) 56.4 STANDARD DEVIATION (MPH) 6.8

MEDIAN SPEED (MPH) 55.7 85TH PERCENTILE SPEED (MPH) 60.9

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 55 60 MPH: 19 65 MPH: 7

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two-lane, Rural

STATION NUMBER 2L-56 LOCATION SR 24, 3 miles east of Junction US 41

NUMBER OF SESSIONS 1 DATES 6/7/76 VEHICLES MEASURED 421

AVERAGE SPEED (MPH) 56.2 STANDARD DEVIATION (MPH) 5.9

MEDIAN SPEED (MPH) 56.1 85TH PERCENTILE SPEED (MPH) 61.5

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 58 60 MPH: 22 65 MPH: 5

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two-lane, Rural

STATION NUMBER 2L-62 LOCATION SR 37, 1.4 mile north of SR 237

NUMBER OF SESSIONS 1 DATES 6/11/76 VEHICLES MEASURED 420

AVERAGE SPEED (MPH) 50.7 STANDARD DEVIATION (MPH) 6.7

MEDIAN SPEED (MPH) 50.1 85TH PERCENTILE SPEED (MPH) 56.6

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 22 60 MPH: 6 65 MPH: 2

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Urban

STATION NUMBER UI-4 LOCATION I-465, Indianapolis, NW corner south to SE corner*

NUMBER OF SESSIONS 1 DATES 6/1/76 VEHICLES MEASURED 423

AVERAGE SPEED (MPH) 56.8 STANDARD DEVIATION (MPH) 4.8

MEDIAN SPEED (MPH) 56.1 85TH PERCENTILE SPEED (MPH) 60.7

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 60 60 MPH: 20 65 MPH: 3

*at milepost 015

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Urban

STATION NUMBER UI-6 LOCATION I-65 in Indianapolis, just east of White River Bridge

NUMBER OF SESSIONS 1 DATES 6/17/76 VEHICLES MEASURED 445

AVERAGE SPEED (MPH) 57.3 STANDARD DEVIATION (MPH) 5.5

MEDIAN SPEED (MPH) 57.0 85TH PERCENTILE SPEED (MPH) 62.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 67 60 MPH: 26 65 MPH: 4

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